BEFORE THE INDUSTRIAL COMMISSION

OF THE STATE OF NORTH DAKOTA

CASE NO. 8152 ORDER NO. 9579

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF JOLETTE OIL (USA), LLC FOR AN ORDER TO CREATE AND ESTABLISH A 640-ACRE SPACING AND/OR DRILLING UNIT, COMPRISED OF ALL OF SECTION 17, T.161N., R.95W., SADLER FIELD, DIVIDE COUNTY, NORTH DAKOTA, AUTHORIZING THE DRILLING OF HORIZONTAL WELL NOT LESS THAN 660 FEET FROM THE SPACING AND/OR DRILLING UNIT BOUNDARY AS AN EXCEPTION TO ANY PREVIOUS SPACING ORDERS AND THE PROVISIONS OF SECTION 43-02-03-18 OF THE NORTH DAKOTA ADMINISTRATIVE CODE AND/OR SUCH OTHER AND FURTHER RELIEF AS THE COMMISSION DEEMS APPROPRIATE.

ORDER OF THE COMMISSION

THE COMMISSION FINDS:

- (1) This cause came on for hearing at 9:00 a.m. on the 3rd day of December, 2003.
- (2) The Commission, on November 18, 2003, authorized the Director to sign this order on their behalf if the Director was satisfied that there was no substantial opposition to the request and the record supports granting the relief requested.
- (3) Order No. 4915 entered in Case No. 4276 established proper spacing for the development of the Sadler-Madison Pool at one well per 160 acres and Order No. 7123 entered in Case No. 6153 established proper spacing for the development of the Sadler-Bakken Pool at one well per 160 acres. Only the Madison and Bakken Pools are currently spaced in the Sadler Field.
- (4) Jolette Oil (USA), LLC (Jolette) made application to the Commission for an order to create and establish a 640-acre spacing and/or drilling unit, comprised of all of Section 17, Township 161 North, Range 95 West, Sadler Field, Divide County, North Dakota (Section 17), authorizing the drilling of a horizontal well not less than 660 feet from the spacing and/or drilling

unit boundary as an exception to any previous spacing orders and the provisions of Section 43-02-03-18 of the North Dakota Administrative Code (NDAC) and/or such other and further relief as the Commission deems appropriate.

- (5) Jolette requested that 640-acre spacing units be established for spaced pools in Section 17, and 640-acre drilling units be established for any unspaced pools.
 - (6) There are no wells currently permitted to or producing from any pool in Section 17.
- (7) NDAC Section 43-02-03-18 requires horizontal oil wells drilled in unspaced pools projected to a depth not deeper than the Mission Canyon Formation to be drilled upon a tract described as two adjacent governmental quarter-quarter sections within the same section or equivalent lots, located not less than five hundred feet to the outside boundary of such tract.
- (8) NDAC Section 43-02-03-18 requires horizontal oil wells drilled in unspaced pools projected to a depth deeper than the Mission Canyon Formation to be drilled upon a tract described as two adjacent governmental quarter sections within the same section or equivalent lots, located not less than six hundred sixty feet to the outside boundary of such tract.
- (9) Jolette intends to drill a vertical well in the SE/4 SE/4 of Section 17 to test the Sadler-Madison Pool. Jolette then intends to plug back and utilize horizontal drilling technology to drill a horizontal lateral diagonally across Section 17 through the Sadler-Madison Pool. Utilization of this drilling technology in this manner may result in the well being completed at a location or locations not in compliance with current applicable spacing orders for the Sadler-Madison Pool.
- (10) Jolette also requested the flexibility to drill horizontally through any unspaced pool. Utilization of this technology may result in the well being completed at a location or locations not in compliance with applicable spacing requirements.
- (11) In order to effectively utilize horizontal drilling technology, it is essential that greater flexibility be afforded in locating the well bore of a horizontal hole than is allowed under the 80-acre or 320-acre drilling units pursuant to NDAC Section 43-02-03-18.
- (12) Evidence and testimony presented to the Commission indicates that the proposed horizontal well will produce oil that might otherwise not be produced.
- (13) Flexibility with respect to spacing unit size and the location of wells in the Sadler-Madison and Bakken Pools is essential to efficiently produce as much recoverable oil and gas as economically possible.
- (14) Pursuant to Section 38-08-07 of the North Dakota Century Code, spacing units must be of uniform size and shape for the entire pool, except when found necessary to prevent waste, avoid the drilling of unnecessary wells, or to protect correlative rights, the Commission is authorized to divide any pool into zones and establish spacing units for each zone, which units may differ in size and shape from those established in any other zone.

- (15) Zones of different spacing within the Sadler-Madison and Bakken Pools will allow the flexibility needed for utilization of horizontal drilling.
- (16) Granting maximum flexibility in spacing unit size and in locating and drilling horizontal wells will result in economic and efficient development of the oil and gas resources in a manner that prevents waste and protects correlative rights.
- (17) If the proposed well is productive from any unspaced pool, the Commission will establish spacing for the development of the pool as provided by statutes and rules of the Commission.
- (18) If Jolette's activities are successful, greater ultimate recovery of oil and gas from the pool will be achieved which will prevent waste and the drilling of unnecessary wells in a manner which will not have a detrimental effect on correlative rights.
 - (19) There were no objections to this application.
- (20) Approval of this application will prevent waste, avoid the drilling of unnecessary wells, and protect correlative rights.
- (21) The Director has authority to sign this order on behalf of the Commission since there was no opposition and the record supports the requested relief.

IT IS THEREFORE ORDERED:

- (1) Section 17, Township 161 North, Range 95 West, Divide County, North Dakota, is hereby established as a 640-acre spacing unit for the exclusive purpose of drilling a horizontal well within said spacing unit within the Sadler-Madison Pool and Zone III is hereby created to include said spacing unit.
- (2) Section 17, Township 161 North, Range 95 West, Divide County, North Dakota, is hereby established as a 640-acre spacing unit for the exclusive purpose of drilling a horizontal well within said spacing unit within the Sadler-Bakken Pool and Zone II is hereby created to include said spacing unit.
- (3) Section 17, Township 161 North, Range 95 West, Divide County, North Dakota, is hereby established as a 640-acre drilling unit for the exclusive purpose of drilling a horizontal well within said drilling unit within any unspaced pool.
- (4) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to determine whether a horizontal well proposed or drilled upon any 640-acre spacing unit or drilling unit herein established, has justified the creation of such unit.
- (5) For the purposes of any drilling unit established by this order, the pool definition shall coincide with current customary pool definitions issued by the Commission.

- (6) All portions of the well bore not isolated by cement of any horizontal well drilled within a drilling unit established pursuant to this order shall be no closer than 660 feet to the boundary of the drilling unit. Measurement inaccuracies in the directional survey equipment shall be considered when determining compliance with the 660-feet setback.
- (7) The operator of a horizontally drilled well in Section 17 shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.
- (8) No horizontal well shall be drilled or produced in any pool in Section 17, except in conformity with the regulations here set forth, without special order of the Commission after due notice and hearing.
- (9) The Sadler Field is hereby redefined as the following described tracts of land in Divide County, North Dakota:

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM

ALL OF SECTIONS 16 AND 17, THE SW/4 OF SECTION 4, THE SE/4 OF SECTION 5, THE S/2 OF SECTION 8, THE S/2 AND NW/4 OF SECTION 9, AND THE N/2 OF SECTIONS 20 AND 21,

together with those additional quarter sections or governmental lots corresponding thereto as may be proven productive by wells drilled on lands within one mile of the boundaries of the field as set forth above, provided further that such extensions of the field boundaries shall include only sufficient acreage to form a spacing unit for such wells, and any intervening lands.

(10) The Sadler-Madison Pool is hereby redefined as the following described tracts of land in Divide County, North Dakota:

ZONE I

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM

ALL OF SECTIONS 16 AND 17, THE SE/4 OF SECTION 5, THE S/2 OF SECTION 8, THE S/2 AND NW/4 OF SECTION 9, AND THE N/2 OF SECTIONS 20 AND 21.

ZONE II

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM THE SW/4 OF SECTION 4.

ZONE III (Exclusively for horizontal wells)

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM ALL OF SECTION 17.

- (11) The Sadler-Madison Pool is hereby redefined as that accumulation of oil and gas found in the interval from below the base of the Last Charles Salt to above the top of the Lodgepole Formation within the limits of the field as set forth above.
- (12) The proper spacing for the development of Zone I in the Sadler-Madison Pool is hereby set at one well per 160 acres.
- (13) All wells hereafter drilled in Zone I in the Sadler-Madison Pool shall be located not less than 500 feet from a spacing unit boundary. Wells presently permitted to or producing from the pool that do not conform to this spacing pattern shall be considered exceptions.
- (14) Spacing units in Zone I in the Sadler-Madison Pool shall consist of a governmental quarter section or governmental lots corresponding thereto.
- (15) The proper spacing for the development of Zone II in the Sadler-Madison Pool is hereby set at up to two wells per 160 acres.
- (16) All wells hereafter drilled in Zone II in the Sadler-Madison Pool shall be located not less than 500 feet from a spacing unit boundary. However, the second well allowed in the SW/4 of Section 4, Township 161 North, Range 95 West, Divide County, North Dakota, shall be located in the SW/4 of the SW/4. Wells presently permitted to or producing from the pool that do not conform to this spacing pattern shall be considered exceptions.
- (17) Spacing units in Zone II in the Sadler-Madison Pool shall consist of a governmental quarter section or governmental lots corresponding thereto.
- (18) Zone II in the Sadler-Madison Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (19) Provisions established herein for Zone III in the Sadler-Madison Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined as Zone III in paragraph (10) above shall conform to the applicable spacing requirements for the orderly development of Zone I in the Sadler-Madison Pool.
- (20) The proper spacing for the development of Zone III in the Sadler-Madison Pool is hereby set at one horizontal well per 640 acres.
- (21) All portions of the well bore not isolated by cement of any horizontal well hereafter drilled in Zone III in the Sadler-Madison Pool shall be no closer than 660 feet to the boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment shall be considered when determining compliance with the 660-feet setback.
- (22) Spacing units in Zone III in the Sadler-Madison Pool shall consist of a governmental section or governmental lots corresponding thereto.
- (23) Zone III in the Sadler-Madison Pool shall not be extended except by further order of the Commission after due notice and hearing.

- (24) No well shall be hereafter drilled or produced in the Sadler-Madison Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.
- (25) The operator of any horizontally drilled well in the Sadler-Madison Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.
- (26) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Sadler-Madison Pool; (2) determine whether the separate zones of spacing established herein are warranted; and, (3) make such further amendments or modifications to the spacing requirements for the Sadler-Madison Pool as the Commission deems appropriate.
- (27) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Sadler-Madison Pool:
 - (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21;
 - (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. Sufficient cement shall be used and applied in such manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 2000 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
 - (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,

- (d) All wells shall be equipped with tubing and all flowing wells shall be equipped with tubing and tubing packer; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (28) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured within 45 days in all wells hereinafter completed in the Sadler-Madison Pool. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or adjusted to a subsea datum of 5065 feet after the well has been shut in for a minimum of 48 hours. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefor can be demonstrated to his satisfaction. All additional gas-oil ratio and reservoir pressure determinations conducted on any well, but not specifically required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.
- (29) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (30) All wells in the Sadler-Madison Pool shall be allowed to produce at an unrestricted rate for a period of 30 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate.
- (31) If the flaring of gas produced with crude oil from the Sadler-Madison Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (32) This order shall cover all of the Sadler-Madison Pool common source of supply of crude oil and/or natural gas as herein defined, and all provisions of the pool shall continue in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.
- (33) The Sadler-Bakken Pool is hereby redefined as the following described tracts of land in Divide County, North Dakota:

ZONE I

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM

ALL OF SECTIONS 16 AND 17, THE SW/4 OF SECTION 4, THE SE/4 OF SECTION 5, THE S/2 OF SECTION 8, THE S/2 AND NW/4 OF SECTION 9, AND THE N/2 OF SECTIONS 20 AND 21.

ZONE II (Exclusively for horizontal wells)

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM ALL OF SECTION 17.

- (34) The Sadler-Bakken Pool is hereby redefined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to above the top of the Three Forks Formation within the limits of the field as set forth above.
- (35) The proper spacing for the development of Zone I in the Sadler-Bakken Pool is hereby set at one well per 160 acres.
- (36) All wells hereafter drilled in Zone I in the Sadler-Bakken Pool shall be located not less than 500 feet from a spacing unit boundary. Wells presently permitted to or producing from the pool that do not conform to this spacing pattern shall be considered exceptions.
- (37) Spacing units in Zone I in the Sadler-Bakken Pool shall consist of a governmental quarter section or governmental lots corresponding thereto.
- (38) Provisions established herein for Zone II in the Sadler-Bakken Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined as Zone II in paragraph (33) above shall conform to the applicable spacing requirements for the orderly development of Zone I in the Sadler-Bakken Pool.
- (39) The proper spacing for the development of Zone II in the Sadler-Bakken Pool is hereby set at one horizontal well per 640 acres.
- (40) All portions of the well bore not isolated by cement of any horizontal well hereafter drilled in Zone II in the Sadler-Bakken Pool shall be no closer than 660 feet to the boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment shall be considered when determining compliance with the 660-feet setback.
- (41) Spacing units in Zone II in the Sadler-Bakken Pool shall consist of a governmental section or governmental lots corresponding thereto.
- (42) Zone II in the Sadler-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (43) No well shall be hereafter drilled or produced in the Sadler-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.
- (44) The operator of any horizontally drilled well in the Sadler-Bakken Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.

- (45) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Sadler-Bakken Pool; (2) determine whether the separate zones of spacing established herein are warranted; and, (3) make such further amendments or modifications to the spacing requirements for the Sadler-Bakken Pool as the Commission deems appropriate.
- (46) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Sadler-Bakken Pool:
 - (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21;
 - (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. Sufficient cement shall be used and applied in such manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 2000 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
 - (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
 - (d) All wells shall be equipped with tubing and all flowing wells shall be equipped with tubing and tubing packer; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (47) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured within 45 days in all wells hereinafter completed in the Sadler-Bakken Pool. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or

adjusted to a subsea datum of 6280 feet after the well has been shut in for a minimum of 48 hours. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefor can be demonstrated to his satisfaction. All additional gas-oil ratio and reservoir pressure determinations conducted on any well, but not specifically required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.

- (48) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (49) All wells in the Sadler-Bakken Pool shall be allowed to produce at an unrestricted rate for a period of 30 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate.
- (50) If the flaring of gas produced with crude oil from the Sadler-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (51) This order shall cover all of the Sadler-Bakken Pool common source of supply of crude oil and/or natural gas as herein defined, and all provisions of the pool shall continue in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.
- (52) All provisions of this order pertaining to the creation of 640-acre drilling units shall remain in full force and effect until further order of the Commission.

Dated this 5th day of December, 2003.

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission

/s/ Lynn D. Helms, Director

STATE OF NORTH DAKOTA

AFFIDAVIT OF MAILING

COUNTY OF BURLEIGH

I, Donna Bauer, being duly sworn upon oath, depose and say: That on the <u>5th</u> day of <u>December, 2003</u>, enclosed in separate envelopes true and correct copies of the attached Order No. <u>9579</u> of the North Dakota Industrial Commission, and deposited the same with the United State Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons by the Industrial Commission in Case No. <u>8152</u>:

John Morrison Fleck, Mather & Strutz Ltd. P. O. Box 2798 Bismarck, ND 58502

Lawrence Bender Pearce & Durick P. O. Box 400 Bismarck, ND 58502

Roger Borchert P. O. Box 5006 Bismarck, ND 58502

Donna Bauer
Oil & Gas Division

na braws

On this <u>5th</u> day of <u>December</u>, 2003, before me personally appeared <u>Donna Bauer</u> to me known as the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.

Notary Public

State of ND, County of Burleigh My Commission expires _11-03-2004



WILLIAM R. PEARCE 1910-1976
WELLAM R. PEARCE
PATRICK W. DURICK
B. TMOTHY DURICK
GARY R. THUNE *
DAVID B. REICH
JEROME C. KETTLESON
LARRY L. BOSCHEE *
LAWRENCE BENDER, P.C. *
JONATHAN R. SANSTEAD



ATTORNEYS AT LAW
314 EAST THAYER AVENUE
P.O. BOX 400
BISMARCK, NORTH DAKOTA SB502

TELEPHONE (701) 273-7890 *AX (701) 223-7865 E-MAIL: law.olfice@pearcest.nct.com

> OF COUNSEL HARRY J. PEARCE

November 11, 2003

VIA FACSIMILE AND U.S. MAIL

Ms. Karlene Fine Executive Director and Secretary North Dakota Industrial Commission Capitol Building, 14th Floor 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: NORTH DAKOTA INDUSTRIAL COMMISSION CASE NO. 8152

Dear Ms. Fine:

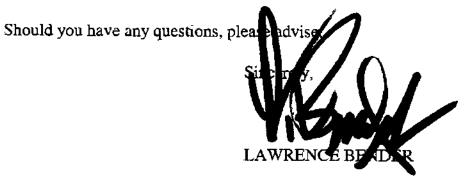
This firm represents Jolette Oil (USA), LLC ("Jolette") in the above-captioned matter which is scheduled to be heard on December 3, 2003.

Case No. 8152 requests an Order of the North Dakota Industrial Commission ("Commission") to create and establish a 640-acre spacing and/or drilling unit, comprised of all of Section 17, Township 161 North. Range 95 West, Sadler Field, Divide County, North Dakota, authorizing the drilling of a horizontal well not less than 660 feet from the spacing and/or drilling unit boundary as an exception to any previous spacing orders and well location rules.

Jolette is in the process of securing a rig to drill the above-referenced well. It is anticipated that a rig will be available which would allow for a spud date in early December of 2003. If Jolette cannot drill this well in early December, the rig Jolette plans to utilize will likely be committed to other projects and this well will be delayed or may never be drilled.

Ms. Karlene Fine November 11, 2003 Page 2

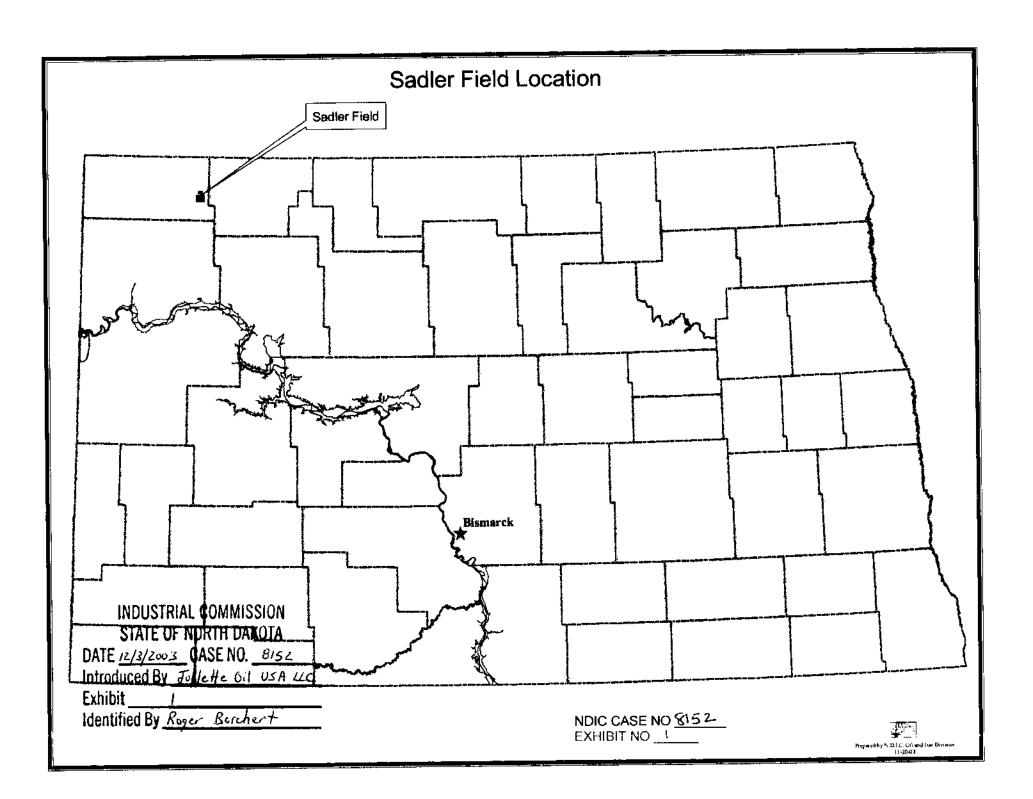
Jolette, therefore, respectfully requests that the Director of the Oil and Gas Division, Mr. Lynn Helms, be given the authority to consider the evidence presented at the hearing of the above-captioned matter and thereafter grant Jolette's application if he deems the request appropriate.



LB/leo

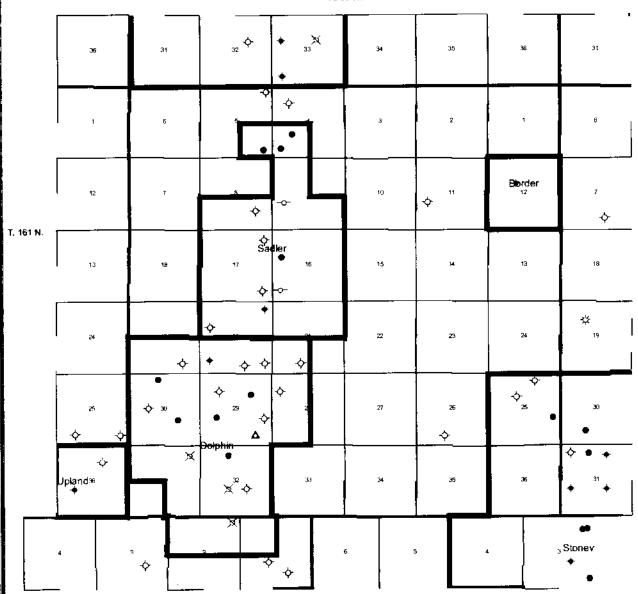
cc: Mr. Lynn Helms Via Facsimile and U.S. Mail

Mr. Bruce Hicks Via Facsimile and U.S. Mail



Well Locations

R. 95 W.



INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 8152

Introduced By Jollette oil USA LLC.

Exhibit 2

Identified By Borchert

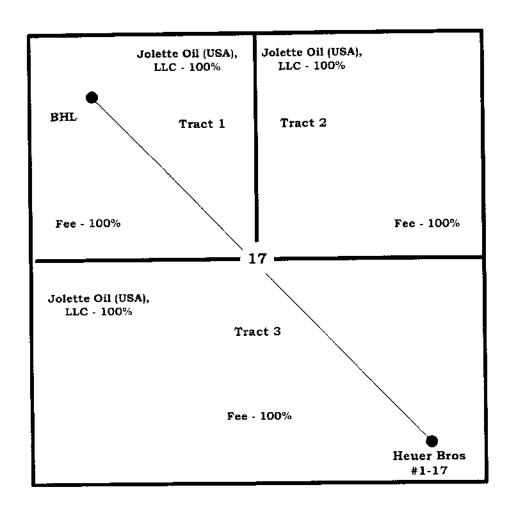
NDIC CASE NO 8152 EXHIBIT NO 2

0 0x 0x 1.6 40-

Proposed by National Company

Land Plat

Township 161 North, Range 95 West Section 17: All Divide County, North Dakota

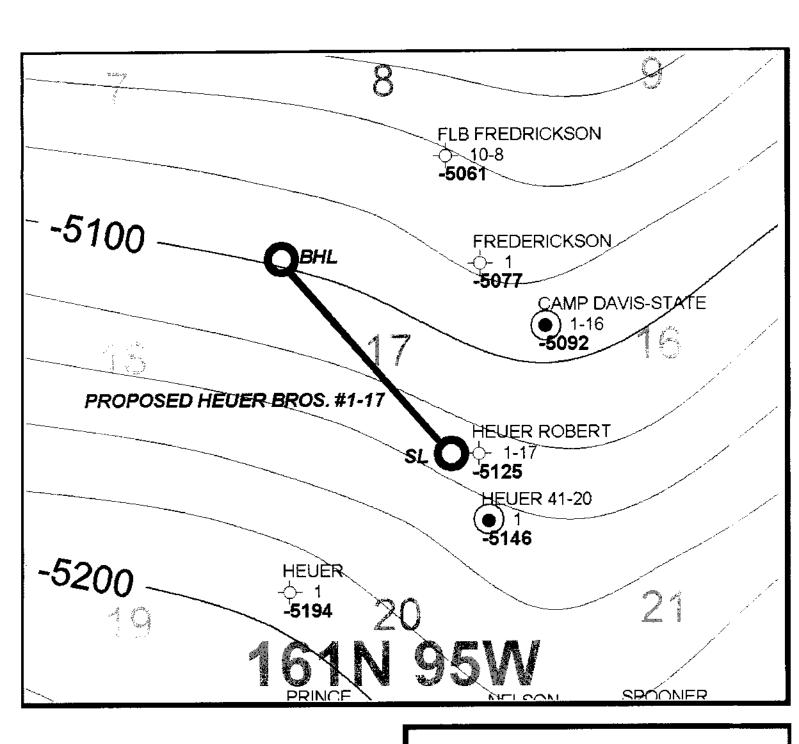


Working Interest in Section 17
Jolette Oil (USA), LLC 100.00%

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 8152
Introduced By Jellette Oil USA 22C
Exhibit 3
Identified By 80rch2rt NDIC CASE NO 8152
EXHIBIT NO 3

JOLETTE OIL (USA), LLC

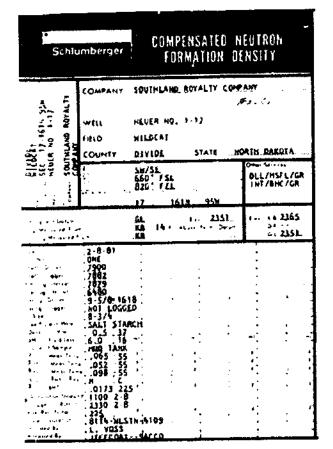


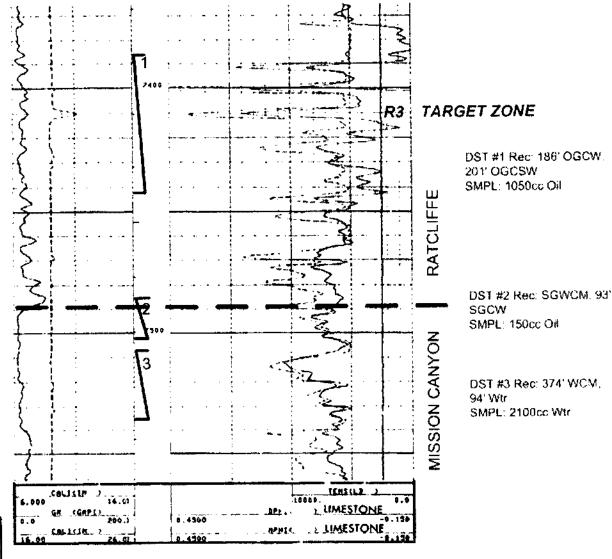
INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 8/52
Introduced By Follotte Oil USA LLC
Exhibit 4
Identified By Borchart

NDIC CASE NO 8152 EXHIBIT NO 4 JOLETTE OIL (USA), LLC

Structure Top Mission Canyon ci = 20 feet





JOLETTE OIL (USA), LLC

TYPE LOG MADISON RATCLIFFE ZONE

> NDIC CASE NO <u>8152</u> EXHIBIT NO <u>5</u>

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 8152 Introduced By Jellette Oil USA LLC.

Exhibit 5

Identified By Borchert

VOLUMETRIC ANALYSIS OIL RESERVOIR WITH SOLUTION GAS

OPERATOR:

JOLETTE OIL USA, LLC

WELL NAME:

HEUER #1-17

FIELD:

SADLER

LOCATION:

COUNTY:

SE SE 17, T161N-R95W

STATE:

DIVIDE ND

FORMATION:

MADISON

BASIC DATA & ESTIMATED RESERVES

DATUM:

RESERVOIR PRESSURE:

RESERVOIR TEMPERATURE:

AVERAGE POROSITY:

AVERAGE CONATE WATER SATURATION:

OIL GRAVITY (API @ 60 DEGREES F): SOLUTION GOR (CUBIC FEET/BBL):

FORMATION VOLUME FACTOR:

SPACING UNIT (ACRES):

RECOVERY FACTOR:

RESERVOIR THICKNESS:

OIL IN PLACE:

3,429,148 BARRELS OIL

8 FEET

640 ACRES

-5055 FEET

153 DEGREES F

35.5 DEGREES API

500 CUBIC FEET/BBL

3160# PSI

20,00%

40.00%

15.00%

1.39

RECOVERABLE OIL:

514,372 STOCK TANK BARRELS

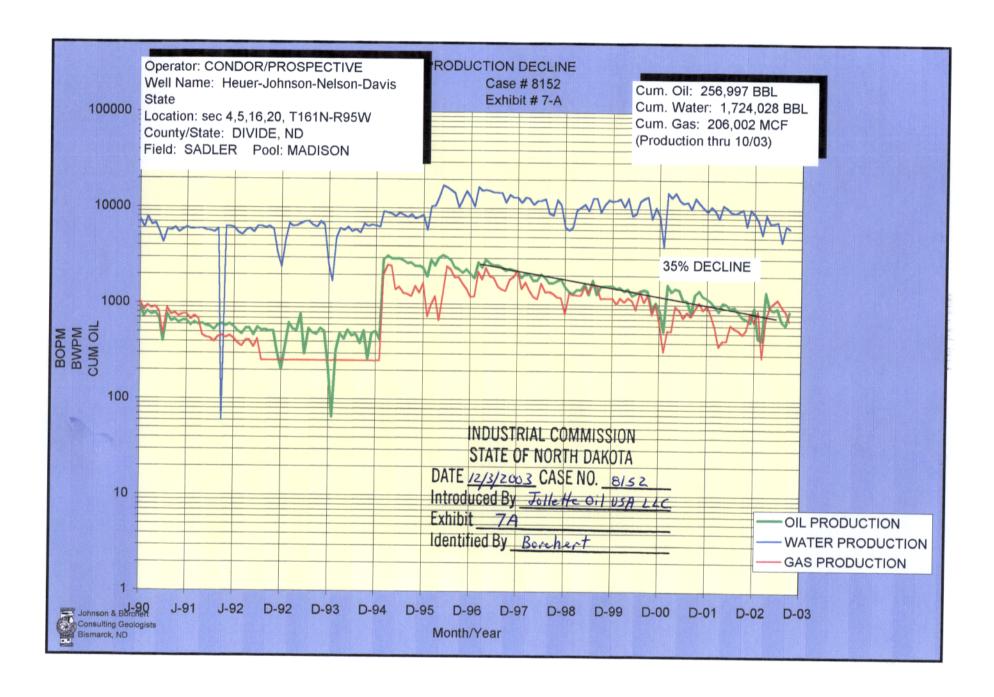
CASE # 8152

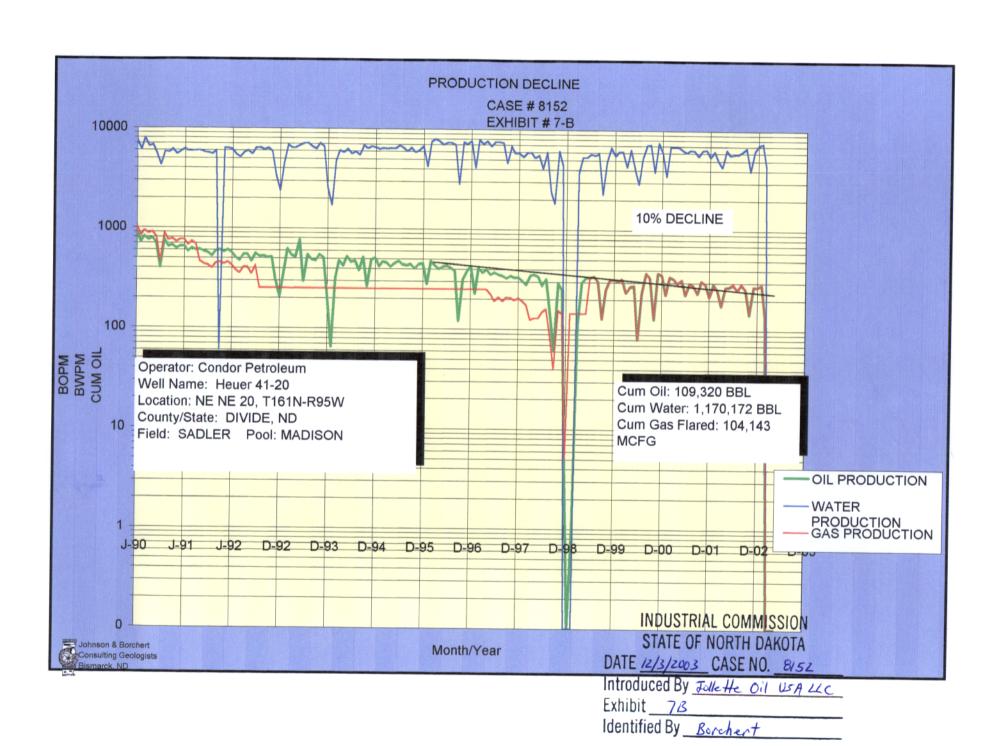
EXHIBIT #6

RECOVERABLE SOLUTION GAS:

257,186 MCF GAS

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA DATE 12/3/2023 CASE NO. 8/52 Introduced By Jollette Oil USA LLC Exhibit 6 Identified By Borchert





PRODUCING OIL & GAS PROPERTY ECONOMIC EVALUATION

OPERATOR: JOLETTE OIL USA LLC

WELL NAME: HEUER #1-17

FIELD: SADLER

LOCATION: SE SE 17, T161N-R95W

COUNTY: DIVIDE STATE: ND

DISCOUNT PRESENT VALUE

CASE #8152

EXHIBIT #8

| | | | | | | | | | DISCOON | PRESENT VALUE |
|-------------|--------------|-----|--------|--------|----------|---------|------------|---------|------------|---------------|
| | | | | | | | | - | RATES: | |
| EVALUATION | | | | | | | WI | 100.0% | 0% | 7,873,120 |
| DATE: | 11/30/03 | | | | | | NRI | 80.0% | 5% | 6,721,926 |
| COMP. DATE. | | | | PAR | TICPATIN | IG REV. | INTEREST | 80.0% | 10% | 5,850,379 |
| CUM, PROD: | OIL (BBL): | 0 | | | | | THRU | 2004 | 15% | 5,175,063 |
| | GAS (MCF): | 0 | | | | | THRU | 2004 | 20% | 4,640,388 |
| | WATER BBL | 0 | | | | | THRU | 2004 | 25% | 4,208,628 |
| | | | | | | | | | 30% | 3,853,701 |
| DECLINE | 65 | PER | CENT | (YR. 1 | 1) 7 | TAXES: | | | 35% | 3,557,242 |
| RATE: | 30 | PER | CENT | (YR 2 |) | OIL: | 9% | | 40% | 3,306,078 |
| | 20 | PER | CENT | (YR 3 | · ·+) | GAS: | \$0.05 | | 45% | 3,090,597 |
| WELL LIFE | 144 | MOI | NTHS | | | | | | 50% | 2,903,661 |
| PRODUCT \$ | OIL (\$/BO) | \$ | 22.0 |) | | | | | | |
| | GAS (\$/MCF) | \$ | 1.00 |) | | | INITIAL IN | IVESTM | ENT IN \$: | 1350000 |
| | | | | | | | NET VA | LUE (UN | IDISC.): | 7873120 |
| OP. \$/MO. | \$ 4,000.00 | (ES | TIMATI | ED) | | | DED | DUCTIBL | ES: | 1411349 |
| ESCALATION | OIL: | GAS | 3 | OP | . costs | | RETURN | ON INVE | STMENT. | 5.83 |
| FACTOR(%) | 0% | 0% | | | 0% | | | | | |

| | | | | | | | _ | | | | |
|----------|--------|--------|----------|--------|---------|--------|--------------|-----------------|---------|--------|--------|
| CALENDAR | YEAR | BBL | OIL | MCF | GAS | N.R.I. | TAX & OP. | NET | CUM | STATE | OPER. |
| YEAR | NUMBER | OIL | PRICE | GAS | PRICE | (%) | COSTS | REVENUE | REVENUE | TAXES | COSTS |
| 2004 | 1 | 134973 | \$22.00 | 67487 | \$ 1.00 | 80.00% | 264497 | 2165023 | 2165023 | 216497 | 48000 |
| 2005 | 2 | 92054 | \$22.00 | 46027 | \$ 1.00 | 80.00% | 203655 | 1453318 | 3618341 | 147655 | 56000 |
| 2006 | 3 | 60841 | \$22.00 | 30420 | \$ 1.00 | 80.00% | 145589 | 949544 | 4567886 | 97589 | 48000 |
| 2007 | 4 | 49728 | \$22.00 | 24864 | \$ 1.00 | 80.00% | 127764 | 767345 | 5335231 | 79764 | 48000 |
| 2008 | 5 | 40646 | \$22.00 | 20323 | \$ 1.00 | 80.00% | 113195 | 618424 | 5953654 | 65195 | 48000 |
| 2009 | 6 | 33222 | \$22.00 | 16611 | \$ 1.00 | 80.00% | 101288 | 496703 | 6450357 | 53288 | 48000 |
| 2010 | 7 | 27154 | \$22.00 | 13577 | \$ 1.00 | 80.00% | 91555 | 397214 | 6847571 | 43555 | 48000 |
| 2011 | 8 | 22194 | \$22.00 | 11097 | \$ 1.00 | 80.00% | 83600 | 31 589 7 | 7163468 | 35600 | 48000 |
| 2012 | 9 | 18140 | \$22.00 | 9070 | \$ 1.00 | 80.00% | 77097 | 249432 | 7412899 | 29097 | 48000 |
| 2013 | 10 | 14827 | \$22.00 | 7414 | \$ 1.00 | 80.00% | 71783 | 195106 | 7608006 | 23783 | 48000 |
| 2014 | 11 | 12119 | \$22.00 | 6060 | \$ 1.00 | 80.00% | 67439 | 150703 | 7758709 | 19439 | 48000 |
| 2015 | 12 | 9906 | \$22.00 | 4953 | \$ 1.00 | 80.00% | 63888 | 114411 | 7873120 | 15888 | 48000 |
| TOTALS | | 515804 | <u> </u> | 257902 | | · | 1411349 | 7873120 | • | 827349 | 536000 |

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 815 C
Introduced By Follette. Oil USA CCC
Exhibit 8
Identified By Borchert

PRODUCING OIL & GAS PROPERTY ECONOMIC EVALUATION

0%

0%

CASE # 8152

EXHIBIT # 9

OPERATOR: JOLETTE OIL USA LLC

WELL NAME: HEUER #1-17

FIELD: SADLER

LOCATION: SE SE 17, T161N-R95W

COUNTY: DIVIDE STATE: ND

FACTOR(%) 0%

DISCOUNT PRESENT VALUE

| | | | | | | | RATES: | |
|-------------------|--------------|----------------|------------|---------|-------------|----------|-----------|-----------|
| EVALUATION | | | | | 1. W | 100.0% | 0% | 1,316,706 |
| DATE: | 11/30/03 | | | | N.R.I. | 80.0% | 5% | 1,164,870 |
| COMP. DATE: | • | | PARTICPATI | NG REV. | INTEREST | 80.0% | 10% | 1,042,243 |
| CUM. PROD: | OIL (BBL): | 0 | | | THRU | 2004 | 15% | 941,941 |
| | GAS (MCF): | 0 | | | THRU | 2004 | 20% | 858,879 |
| | WATER BBL) | 0 | | | THRU | 2004 | 25% | 789,273 |
| | | | | | | | 30% | 730,285 |
| DECLINE | 65 | PERCENT | (YR. 1) | TAXES: | | | 35% | 679,769 |
| RATE: | 30 | PERCENT | (YR 2) | OIL: | 9% | | 40% | 636,084 |
| | 20 | PERCENT | (YR 3+) | GAS: | \$0.05 | | 45% | 597,967 |
| WELL LIFE | 144 | MONTHS | | | | | 50% | 564,434 |
| PRODUCT \$ | OIL (\$/BO) | \$ 22.00 | 1 | | | | | |
| | GAS (\$/MCF) | \$ 1.00 | 1 | | INITIAL IN | ₹VESTME | NT IN \$: | 900000 |
| | | | | | NET VA | LUE (UND | DISC.): | 1316706 |
| OP. \$/MO. | \$ 4,000.00 | (ESTIMATE | ED) | | DEC | DUCTIBLE | S: | 688739 |
| ESCALATION | OIL: | GAS | OP. COSTS | | RETURN | ON INVES | TMENT: | 1.46 |

| 04151010 | VCAB | DD) | 6 11 | 1105 | | 11.5.1 | T41/ 0.00 | MET | 011114 | AT4.TE | 0050 |
|----------|--------|--------|-------------|-------|---------|--------|-----------|---------|---------|--------|--------|
| CALENDAR | YEAR | BBL | OIL | MCF | GAS | N.R.I. | TAX & OP. | NET | CUM | STATE | OPER. |
| YEAR | NUMBER | OIL | PRICE | GAS | PRICE | (%) | COSTS | REVENUE | REVENUE | TAXES | COSTS |
| 2004 | 1 | 28794 | \$22.00 | 22496 | \$ 1.00 | 80.00% | 88510 | 436266 | 436266 | 46510 | 42000 |
| 2005 | 2 | 19638 | \$22.00 | 15342 | \$ 1.00 | 80.00% | 80721 | 277186 | 713452 | 31721 | 49000 |
| 2006 | 3 | 12979 | \$22.00 | 10140 | \$ 1.00 | 80.00% | 62965 | 173584 | 887036 | 20965 | 42000 |
| 2007 | 4 | 10609 | \$22.00 | 8268 | \$ 1.00 | 80.00% | 59136 | 134208 | 1021244 | 17136 | 42000 |
| 2008 | 5 | 8671 | \$22.00 | 6774 | \$ 1.00 | 80.00% | 56006 | 102024 | 1123267 | 14006 | 42000 |
| 2009 | 6 | 7087 | \$22.00 | 5537 | \$ 1.00 | 80.00% | 53448 | 75718 | 1198986 | 11448 | 42000 |
| 2010 | 7 | 5793 | \$22.00 | 4526 | \$ 1.00 | 80.00% | 51357 | 54217 | 1253203 | 9357 | 42000 |
| 2011 | 8 | 4735 | \$22.00 | 3699 | \$ 1.00 | 80.00% | 49648 | 36643 | 1289846 | 7648 | 42000 |
| 2012 | 9 | 3870 | \$22.00 | 3023 | \$ 1.00 | 80.00% | 48251 | 22279 | 1312125 | 6251 | 42000 |
| 2013 | 10 | 3163 | \$22.00 | 2471 | \$ 1.00 | 80.00% | 47109 | 10539 | 1322664 | 5109 | 42000 |
| 2014 | 11 | 2585 | \$22.00 | 2020 | \$ 1.00 | 80.00% | 46176 | 943 | 1323607 | 4176 | 42000 |
| 2015 | 12 | 2113 | \$22.00 | 1651 | \$ 1.00 | 80.00% | 45413 | -6901 | 1316706 | 3413 | 42000 |
| TOTALS | | 110038 | | 85967 | | | 688739 | 1316706 | | 177739 | 469000 |

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 12/3/2003 CASE NO. 8152
Introduced By Tollette Oil USA 22C
Exhibit 9
Identified By Borchert



WILL AM RIPEARCE 1910-1978 WILIAM PLARCE PATRICK VVI DURICK B. TIMOTHM DURICK garnir thune • ÓAN'S ELREICH EROMEIO KETTESON ARRY I BOSCHEE ◆ ANYPENCE BENDER PC • ONATHAN PISANSTEAD

ATTORNEYS AT LAW

314 BASTITHAYER AVENUE PC_80X400 BISMARCK INDRIH DAKOTA 58502

TBLBRHIDNE 701 21 12890 FAX 701 21 H1865 EMAIL law on self-bearders - Floor

OFICILINSE. HARRY, EARGE

November 21, 2003



Mr. Bruce Hicks Assistant Director North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

> NDIC CASE NO. 8152 APPLICATION OF JOLETTE OIL (USA), LLC

Dear Mr. Hicks:

Please find enclosed herewith for filing an AFFIDAVIT OF SERVICE BY MAIL in regard to the above-captioned matter.

Should you have any questions, please any ise.



LB/leo Enclosure

Ms. Karlene Fine - (w/enc.) cc:

Mr. Lynn Helms - (w/enc.)



OF THE STATE OF NORTH DAKOTA

CASE NO.____

IN THE MATTER OF THE APPLICATION OF JOLETTE OIL (USA), LLC FOR AN ORDER OF THE COMMISSION TO CREATE AND ESTABLISH A 640-ACRE SPACING AND/OR DRILLING UNIT, COMPRISED OF ALL OF SECTION 17, TOWNSHIP 161 NORTH, RANGE 95 WEST, DIVIDE COUNTY (SADLER FIELD), NORTH DAKOTA, AUTHORIZING THE DRILLING OF A HORIZONTAL WELL NOT LESS THAN 660 FEET FROM THE SPACING AND/OR DRILLING UNIT BOUNDARY AS AN EXCEPTION TO ANY PREVIOUS SPACING ORDERS AND THE PROVISIONS OF SECTION 43-02-03-18 OF THE N.D. ADMIN. CODE AND/OR SUCH OTHER AND FURTHER RELIEF AS THE COMMISSION DEEMS APPROPRIATE.

AFFIDAVIT OF SERVICE BY MAIL

| STATE OF NORTH DAKOTA |) |
|-----------------------|------|
| |) ss |
| COUNTY OF BURLEIGH |) |

Lyn Odden, being first duly sworn, deposes and says that on the <u>17</u> day of November, 2003. she served the attached:

APPLICATION OF JOLETTE OIL (USA), LLC

by placing a true and correct copy thereof in an envelope addressed as follows:

See Attached Exhibit A

and having the same deposited in the United States mail, certified mail, return receipt requested, postage prepaid, at Bismarck, North Dakota.

LYN ODDEN

| Subscribed and sworn to before me this day of November, 2003. |
|--|
| Notary Public Burleigh County, North Dakota My Commission expires: 8/30/09 |

ICRISTIE F. JENNINGS Notary Public State of North Dakota My Commission Expires Aug. 30, 2006

Arlan V. Heuer & Kathleen Heuer Robert W. Heuer Floyd Frederickson HCR 1, Box 19 P.O. Box 248 Debi J. Frederickson Noonan, ND 58765 Eureka, MT 59917 9445 106th Ave. NW Noonan, ND 58765 Rodney C. Geil, Trustee U/A dtd 12/30/90 Donna Mae Brodel Esther M. Dixon for Rodney & Bruce Geil & Dawnetta Clifford O. Dixon 17 SW 2nd St. Gustafson & Marie Johnson P.O. Box 233 Tioga, ND 58852 9 Spruce St. Ray, ND 58849 Pine Haven, WY 82721-9737 Lillie Ringwall, aka Lily Ringwall David L. McLaughlin Robert & Sandra Haagenson, Trustees aka Lillian Ringwall Nancy J. McLaughlin of Haagenson Fam.Min.Trust created Chester Ringwall 4558 SR9 by Agreement dtd 12-24-02 10325 93rd Ave. NW Sedro Woolley, WA 98284 1802 Bison Drive Columbus, ND 58727 Williston, ND 58801 Phyllis Adams and Harry Adams Darwin J. Adams Rick A. Adams 3210 Gatewood Drive 28201 Burned Oak Terrace 28 Higgins St. Lake Havasu City, AZ 86402 Escondido, CA 92026 Logan Holm Queensland, Australia 4129 Howard G. Melby & Betty J. Melby Marlys L. Melby, Trustee of Marlys L. Joyce Ilene Melby Miller P.O. Box 384 Melby Revoc.Trust dated 4-22-93 aka Joyce Miller Noonan, ND 58765 Rt. 1, Box 2A 650 1st St. South Washburn, ND 58577 Carrington, ND 58421 Janet Elaine Melby Matthys Mark Melby aka Mark Goodwin Debbie Cowan fka Duane H. Matthys

2914 173rd Ave. SE Argusville, ND 58005 Mark Melby aka Mark Goodwin Melby 1018 Goodmurphy Bay North Regina, Sask. CAN S4X-2P7

Debbie Cowan fka Debbie Kuper 111 Noonan Road Regina, Sask. CAN S4V-0J5

EXHIBIT A

BEFORE THE INDUSTRIAL COMMISSION

OF THE STATE OF NORTH DAKOTA

CASE NO. 8152

IN THE MATTER OF THE APPLICATION OF JOLETTE OIL (USA), LLC FOR AN ORDER OF THE COMMISSION TO CREATE AND ESTABLISH A 640-ACRE SPACING AND/OR DRILLING UNIT, COMPRISED OF ALL OF SECTION 17, TOWNSHIP 161 NORTH, RANGE 95 WEST, DIVIDE COUNTY (SADLER FIELD), NORTH DAKOTA, AUTHORIZING THE DRILLING OF A HORIZONTAL WELL NOT LESS THAN 660 FEET FROM THE SPACING AND/OR DRILLING UNIT BOUNDARY AS AN EXCEPTION TO ANY PREVIOUS SPACING ORDERS AND THE PROVISIONS OF SECTION 43-02-03-18 OF THE N.D. ADMIN. CODE AND/OR SUCH OTHER AND FURTHER RELIEF AS THE COMMISSION DEEMS APPROPRIATE.



APPLICATION OF JOLETTE OIL (USA), LLC

Jolette Oil (USA), LLC ("Jolette"), for its application respectfully states as follows:

1.

That Jolette is the owner of an interest in the oil and gas leasehold estate in portions of Section 17, Township 161 North, Range 95 West, Divide County, North Dakota ("Section 17").

2.

That such lands are currently within an area defined by the North Dakota Industrial Commission ("Commission") as the field boundaries for the Sadler Field.

3.

That pursuant to various orders of the Commission, spacing for the Sadler-Madison Pool and the Sadler-Bakken Pool have been established at one well to 160 acres.

That pursuant to Section 43-02-03-18(2)(a) of the North Dakota Administrative Code, horizontal wells projected to a depth not deeper than the Mission Canyon formation must be drilled upon a tract described as two adjacent governmental quarter-quarter sections within the same quarter section or equivalent lots, located not less than 500 feet to the outside boundary of such tract.

5.

That pursuant to Section 43-02-03-18(2)(b) of the North Dakota Administrative Code, horizontal wells projected to a depth deeper than the Mission Canyon formation, must be drilled upon a tract described as two adjacent governmental quarter sections within the same section or equivalent lots, located not less than 660 feet to the outside boundary of such tract.

6.

That Jolette desires to utilize the horizontal drilling technique to further develop the above described property.

7.

That it is the opinion of Jolette that use of the horizontal drilling technique to further develop the above described property will increase the ultimate recovery of the reservoir.

8.

That pursuant to N.D.C.C. §38-08-07, the Commission is empowered to divide any pool into separate zones and to modify its previous spacing order when necessary to prevent waste, avoid the drilling of unnecessary wells or to protect correlative rights.

That N.D.C.C. §38-08-07(3) provides, in part, that upon application, if the Commission finds that a well drilled at the prescribed location would not produce in paying quantities, that surface conditions would substantially add to the burden or hazard of drilling such well, or that the drilling of such well at a location other than the prescribed location is necessary to protect correlative rights, prevent waste, or to effect greater ultimate recovery of oil and gas, the Commission is authorized to enter an order permitting the well to be drilled at a location other than a prescribed location.

10.

That attached hereto and marked Exhibit "A" is a plat showing the proposed location and showing all producing wells and abandoned producers and dry holes on properties adjoining the proposed location.

11.

That attached hereto and marked Exhibit "B" is a list of owners or lessees of properties adjoining the tract which would be affected by the exception location to each of which a copy of this application will be mailed, certified mail, return receipt requested.

12.

That Jolette is of the opinion that drilling a horizontal test well at a location not less than 660 feet to the boundary of the proposed spacing and/or drilling unit is necessary to protect correlative rights, prevent waste and to effect the greater ultimate recovery of oil and gas from the pool.

13.

That in order to prevent waste, to avoid the drilling of unnecessary wells and to protect

correlative rights, the Commission should establish a 640-acre spacing and/or drilling unit

comprising of all of Section 17 and authorize the drilling of one horizontal well within said

spacing and/or drilling unit not less than 660 feet to the proposed spacing and/or drilling unit

boundary

14.

That Jolette, therefore, requests that the Commission establish a 640-acre spacing and/or

drilling unit comprised of Section 17, Township 161 North, Range 95 West, Divide County,

North Dakota, and to authorize the drilling of one horizontal well within said spacing and/or

drilling unit not less than 660 feet to the proposed spacing and/or drilling unit boundary as an

exception to the provisions of Section 43-02-03-18 of the North Dakota Administrative Code.

WHEREFORE, Jolette requests the following:

That this matter be set for hearing by the Commission on December 3, 2003 and (a)

thereafter the Commission issue its order establishing a 640-acre spacing and/or drilling

comprised of Section 17, Township 161 North, Range 95 West, Divide County, North Dakota

and such other and further relief as the Commission may deem appropriate; and

(b) That pursuant to N.D. Admin. Code § 43-02-03-88.2, Jolette's witnesses in this matter

be allowed to participate by telephonic means.

DATED this 10th day of November, 2003,

-4-



Attorneys for Applican.

Jolette Oil (USA), LLC

314 East Thayer Avenue
Post Office Box 400
Bismarck, North Dakota 58502
(701) 223-2890

STATE OF NORTH DAKOTA)) ss: COUNTY OF BURLEIGH)

LAWRENCE BENDER, being first duly swork on oath, deposes and says that he is the attorney for the applicant named herein, that he has real the file oing application, knows the contents thereof, and that the same is true to the best of his affiar a knowledge and belief.

LAWRENCE BEN ER

Subscribed and sworn to before me this [____]

day of November, 2003.

LYNETTE ENTZI-ODDEN Notary Public, State of North Dakota My Commission Expires JUNE 26, 2005

Notary Public
Burleigh County, North Dakota

My Commission Expires: _

Well Locations R. 95 W. φ Sadler ¢ T. 161 N. Dolphin **EXHIBIT A**

| Arlan V. Heuer & Kathleen Heuer |
|---------------------------------|
| HCR-1, Box 19 |
| Noonan, ND 58765 |

Robert W. Heuer P.O. Box 248 Eureka, MT 59917 Floyd Frederickson Debi J. Frederickson 9445 106th Ave. NW Noonan, ND 58765

| Rodney C. Geil, Trustee U/A dtd 12/30/96 |
|--|
| for Rodney & Bruce Geil & Dawnetta |
| Gustafson & Marie Johnson |
| 9 Spruce St. |
| Pine Haven, WY 82721-9737 |

Clifford O. Dixon P.O. Box 233 Ray, ND 58849 Donna Mae Brodel 17 SW 2nd St. Tioga, ND 58852

Lillie Ringwall, aka Lily Ringwall aka Lillian Ringwall Chester Ringwall 10325 93rd Ave. NW Columbus, ND 58727

David L. McLaughlin Nancy J. McLaughlin 4558 SR9 Sedro Woolley, WA 98284 Robert & Sandra Haagenson, Trustees of Haagenson Fam.Min.Trust created by Agreement dtd 12-24-02 1802 Bison Drive Williston, ND 58801

Phyllis Adams and Harry Adams 3210 Gatewood Drive Lake Havasu City, AZ 86402 Darwin J. Adams 28201 Burned Oak Terrace Escondido, CA 92026 Rick A. Adams 28 Higgins St. Logan Holm Queensland, Australia 4129 Joyce Ilene Melby Miller aka Joyce Miller 650 1st St. South Carrington, ND 58421

Howard G. Melby & Betty J. Melby P.O. Box 384 Noonan, ND 58765 Mariys L. Melby, Trustee of Marlys L. Melby Revoc.Trust dated 4-22-93 Rt. 1, Box 2A Washburn, ND 58577

> Debbie Cowan fka Debbie Kuper 111 Noonan Road Regina, Sask. CAN S4V-0J5

Janet Elaine Melby Matthys Duane H. Matthys 2914 173rd Ave. SE Argusville, ND 58005 Mark Melby aka Mark Goodwin Melby 1018 Goodmurphy Bay North Regina, Sask. CAN S4X-2P7



EXHIBIT B



W:U:AM R. PEARCE 1910 1978 WILLAM P. PEARCE PATRICK W. DURICK B. TIMOTHY DURICK GARY RITHUNE . DAVID E. REICH JEROME C. KETTLESON LARRY ! BOSCHEE ◆ LAWRENCE BENDER, PC . JONATHAN P SANSTEAD

ATTORNEYS AT LAW

314 EAST THAYER AVENUE P.O. BOX 400

BISMARCK, NORTH DAKOTA 58502

TELEPHONE (701), 1, 12, 2890 FAX (701), 7,13,7865

EMAId: law priide@pearce colors com

OF COUNSE.

November 10, 2003

HAND DELIVERED

Mr. Bruce Hicks Assistant Director North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310



APPLICATION OF JOLETTE (USA), LLC **ALL OF SECTION 17, TOWNSHIP 161** NORTH, RANGE 95 WEST, DIVIDE COUNTY, NORTH DAKOTA

Dear Mr. Hicks:

Please find enclosed herewith for filing an APPLICATION OF JOLETTE OIL (USA), LLC as described above.

Thank you for your attention to this m

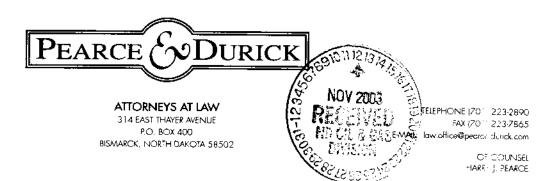
LB/leo

Enclosure

Ms. Karlene Fine - (w/enc.) cc:

Mr. Lynn Helms - (w/enc.)

Mr. Charles Carvell - (w/enc.)



WILLIAM R. PEARCE 1910-1978
WILLIAM P. PEARCE
PATRICK W. DURICK
B. TIMOTHY DURICK
GARY R. THUNE •
DAVID E. REICH
JEROME C. KETTLESON
LARRY L. BOSCHEE •
LAWRENCE BENDER, PC •
JONATHAN P. SANSTEAD

November 11, 2003

VIA FACSIMILE AND U.S. MAIL

Ms. Karlene Fine Executive Director and Secretary North Dakota Industrial Commission Capitol Building, 14th Floor 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: NORTH DAKOTA INDUSTRIAL COMMISSION CASE NO. 8152

Dear Ms. Fine:

This firm represents Jolette Oil (USA), LLC ("Jolette") in the above-captioned matter which is scheduled to be heard on December 3, 2003.

Case No. 8152 requests an Order of the North Dakota Industrial Commission ("Commission") to create and establish a 640-acre spacing and/or drilling unit, comprised of all of Section 17, Township 161 North, Range 95 West, Sadler Field, Divide County, North Dakota, authorizing the drilling of a horizontal well not less than 660 feet from the spacing and/or drilling unit boundary as an exception to any previous spacing orders and well location rules.

Jolette is in the process of securing a rig to drill the above-referenced well. It is anticipated that a rig will be available which would allow for a spud date in early December of 2003. If Jolette cannot drill this well in early December, the rig Jolette plans to utilize will likely be committed to other projects and this well will be delayed or may never be drilled.

Ms. Karlene Fine November 11, 2003 Page 2

Jolette, therefore, respectfully requests that the Director of the Oil and Gas Division, Mr. Lynn Helms, be given the authority to consider the evidence presented at the hearing of the above-captioned matter and thereafter grant Jolette's application if he deems the request appropriate.

Should you have any questions, please advise

Sixtrey,

LAWRENCE BEADLY

LB/leo

cc: Mr. Lynn Helms Via Facsimile and U.S. Mail

Mr. Bruce Hicks Via Facsimile and U.S. Mail

Notice of publication

NORTH DAKOTA INDUSTRIAL COMMISSION **BISMARCK, NORTH DAKOTA**

The State of North Dakota by its Industrial Commission hereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following public hearing to be held at 9:00 a.m. on December 3, 2003, North Dakota Oil and Gas Division Office. 1016 East Calgary Avenue, Bismarck, North Dakota. For the purpose of this hearing, the Commission, any member thereof acting as Examiner, or an Examiner appointed by the Commission will receive testimony and exhibits.

ATTENTION PERSONS WITH DISABILITIES: If you plan to attend the hearing and will need special facilities or assistance relating to a disability, please contact the North Dakota industrial Commission at 701-328-3722 by November 24, 2003

STATE OF NORTH DAKOTA TO:

All named parties and persons having any right, title, interest, or claim in the following cases and notices to the public: Case No. 8152: On a motion of the Commission to consider the application of Jolette Oil (USA), LLC for an order to create and establish a 640-acre spacing and/or drilling unit, comprised of all of Section 17, T.161N., R.95W., Sadler Field. Divide County, North Dakota, authorizing the drilling of a horizontal well not less than 660 feet from the spacing and/or drilling unit boundary as an exception to any previous spacing orders and the provisions of Section 43-02-03-18 of the North Dakota Administrative Code and/or such other and further relief as the Commission deems appropriate.

Signed by, John Hoeven, Governor Chairman ND Industrial Commission (11-12)

Affidavit of Publication

State of North Dakota, County of Divide, ss:

I, Steven J. Andrist, being first duly sworn, on my oath, say that I am the sublisher of The Journal, a weekly newspaper of general circulation and official newspaper of Divide County. State of North Dakota, published in the city of Crosby, ND, and that the advertisement headed

NOTICE OF PUBLICATION

a printed copy of which is here attached, was published in The Journal on the following dates:

TOTAL CHARGE \$39.20

Signed

Steven J. Andrist, Publisher

Subscribed and sworn to before me November 12, 2003

Donna Molander

Notary Public, State of North Dakota

My Commission Expires January 26, 2007

BISMARCK IRIBUNE TENNAL CONTROL SERVICE CONTROL Printing & Publishing 11/14/03 PO Box 5516 DIL & GAS DIVISION Bismarck, ND 58506-5516 Dancing Class Constitution 701-223-2500 In State 800-472-2273 44, 80 PLEASE PAY BY NOV 24 Fax 701-223-6584 The body of the second AT PROMETE A SECOND SEC The state of the s 11/14/03 **CR54 DIL & GAS DIVISION BISMARCK TRIBUNE PO BOX 5516 BISMARCK N 600 E BLVD AV ND 58506 185201-0 BISMARCK ND 58505 71 22 4000 CREDIT CARD PAYMENT (CIRCLE ONE) 185201-0 INVOICE #01852010 TL CARD #: _ AMT PAID \$_____ EXP. DATE: ____ CHECK # _____ SIGNATURE: ___ CREDIT CARD USERS FAX TO: 701-223-6584 NEWSPAPER REFERENCE 12 13 14 DESCRIPTION - OTHER COMMENTS/CHARGES 19: GROSS AMOUNT NOT OF PUBLICATION CLASS CODE - 0132 PO/ORD NO #8150 11 - 1201852010 BT 70L 44.80 JL 44 NOTICE OF PUBLICATION NORTH DAKOTA INDUSTRIAL COMMISSION BISMARCK, NORTH DAKOTA CB The State of North Dakota by its Industrial Commission hereby gives notice pursuant to Berrack Ferbine

RONDA DIONE DICK Notary Public, STATE OF NORTH DAKOTA My Commission Expire AUGUST 21, 2004

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14th Cardin Bi appropriate Case of the consider the application of Jolette Oil (USA), Ltd for an order to create and establish a GO area modern and the application of Jolette Oil (USA). ate and establish a 640-acre spacing and/or drilling unit, comprised of all of Section 17, T.161N., R.95W., Sadler Field, Divide County, North Dakota, authorizing the drilling of a horizontal well not less than 660 feet from the spacing and/or drilling unit boundary as an exception to any previous spacing orders and the provisions of Section 43 02 03-18 of the North Dakota Administrative Code and/or such other and further relief as the Commission deems appropriate.

Signed by, John Hoeven, Governor Chairman, ND Industrial Commission 11/12 - 185201



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reach us

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Commission nereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following public hearing to be held at 9:00 a.m. on December 3, 2003, North Dakora Oil Commission Commiss and Gas Division Office, 1016 East Calgary Avenue, Bismarck, North Dakota. For the purpose of this hearing, the Commission, any member thereof acting as Examiner, or an Examiner appointed by the Commission will receive testimony and exhibits.

ATTENTION PERSONS WITH DISABILI-

TIES: If you plan to attend the hearing and will need special facilities or assistance relating to a disability, please contact the North Dakota Industrial Commission at 701-328-3722 by November 24, 2003. STATE OF NORTH DAKOTA TO:

All named parties and persons having any right, title, interest, or claim in the following right, title, interest, or claim in the following cases and notices to the public. Case No. 8150: On a motion of the Commission to aonsider the application of Burlington Resources Oil & Gas Company LP for an order pursuant to North Dakota Administrative Code (NDAC) Section 43-02-03-021 Administrative Code (NDAC) Section 43-02-03-88.1 authorizing the conversion to enhanced recovery into the Cedar Hills South-Red River B. Unit, of the following wells: CHSU #34-10SH 16 well, and the CHSU #34-10NH 16 well, both located in the SW/4 SE/4 of Section 10, T.131N., R.106W., in the Cedar Hills Field, Bowman County, North Dakota, pursuant to NDAC Chapter 43-02-05 and providing such other Chapter 43-02-05 and providing such other and further relief as the Commission deems appropriate. Case No. 8151: On a motion of the Commission to coordinate application of Paul Rankin Inc. for an order pursuant to North Dakota Administrative Code (NDAC) Section 43-02-03-88.1 authorizing the Consection to achieve the application to achieve the consection of the Commission of the Consection of the Cons Section 43-02-03-08.1 autororizing the conversion to enhanced recovery into the Glass Bluff-Madison Unit, of the Big River #1 well, located in the SE/4 NW/4 of Section 29, T.152N., R.103W., Glass Bluff Field, McKenzie County, North Dakota, pursuant to NDAC Change 43-02-06 and providing such other Chapter 43-02-05 and providing such other and further relief as the Commission deems

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